What is claimed is:

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1. An abrasive array of a plurality of protruding units, each unit having a body composed of at least abrasive grains and a binder, each body having a base and a region most distal from the base, the abrasive array comprising:

a plurality of protruding units distributed in two dimensions,

wherein each protruding unit has a base that has a periphery,

wherein, for each unit, its respective distal region, when projected on to a plane that is coplanar with its respective base, falls within the periphery of the base, and defines an offset vector between the projection of the distal region and a center point of the base; and

wherein the offset vectors for the plurality of protruding units do not exhibit a sum that approaches a limit of zero.

- 2. The abrasive array of claim 1, wherein each distal region is linear.
- 3. The abrasive array of claim 2, wherein each distal region is rectilinear.
- 4. The abrasive array of claim 2, wherein each linear region is curvilinear.
- 5. The abrasive array of claim 1, wherein each base is a parallelogram.
 - 6. The abrasive array of claim 5, wherein none of the sides of the parallelogram is parallel to an edge of an article upon which the abrasive array is disposed.
- 7. The abrasive array of claim 1, wherein for each unit, its respective distal region, when projected on to a plane that is coplanar with its respective base, falls within the periphery of the base.
 - 8. The abrasive array of claim 1, wherein consecutive bases do not abut.

9. An abrasive article comprising:

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a backing having a front and back surface; and

an abrasive coating bonded to the front surface of the backing,

wherein the abrasive coating includes a plurality of protruding units distributed in two dimensions,

wherein each protruding unit has a base that has a periphery,

wherein, for each unit, its respective distal region, when projected on to a plane that is coplanar with its respective base, falls within the periphery of the base, and defines an offset vector between the projection of the distal region and a center point of the base; and

wherein the offset vectors for the plurality of protruding units do not exhibit a sum that approaches a limit of zero.

- 10. The abrasive article of claim 9, wherein each distal region is linear.
- 11. The abrasive article of claim 10, wherein each distal region is rectilinear.
- 12. The abrasive article of claim 10, wherein each distal region is curvilinear.
- 13. The abrasive article of claim 9, wherein each base is a parallelogram.
- 14. The abrasive article of claim 13, wherein none of the sides of the parallelogram is parallel to an edge of an article upon which the abrasive array is disposed.
- 15. The abrasive article of claim 9, wherein for each unit, its respective distal region, when projected on to a plane that is coplanar with its respective base, falls within the periphery of the base.

16. The abrasive article of claim 9, wherein consecutive bases do not abut.